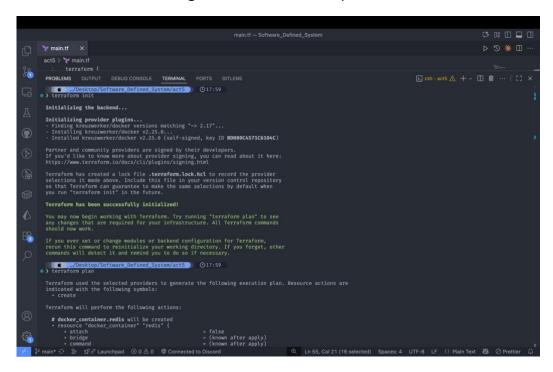
Activity 5

- 3. Prepare a PDF report containing the following information
 - a. Content of your terraform file.

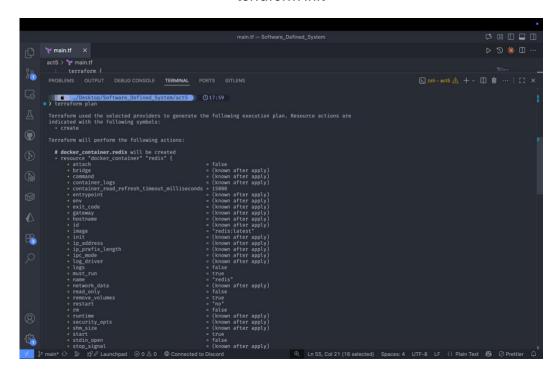
```
terraform {
 required_providers {
  docker = {
  source = "kreuzwerker/docker"
  version = "~> 2.17"
provider "docker" {
 host = "unix:///var/run/docker.sock"
resource "docker_network" "todo_net" {
 name = "todo_network"
resource "docker_image" "redis_image" {
          = "redis:latest"
 name
 keep_locally = false
resource "docker_container" "redis" {
 name = "redis"
 image = docker_image.redis_image.name
 networks_advanced {
 name = docker_network.todo_net.name
 ports {
  external = 6379
resource "docker_image" "todo_image" {
          = "natawut/todo-service:release-2.1"
 keep_locally = false
resource "docker_container" "todo" {
name = "todo-service"
```

```
image = docker_image.todo_image.name
networks_advanced {
    name = docker_network.todo_net.name
}
ports {
    internal = 8000
    external = 8000
}
env = [
    "REDIS_HOST=redis",
    "REDIS_PORT=6379"
]
depends_on = [
    docker_container.redis
]
}
```

b. Use Screenshot of running terraform in each step



terraform init

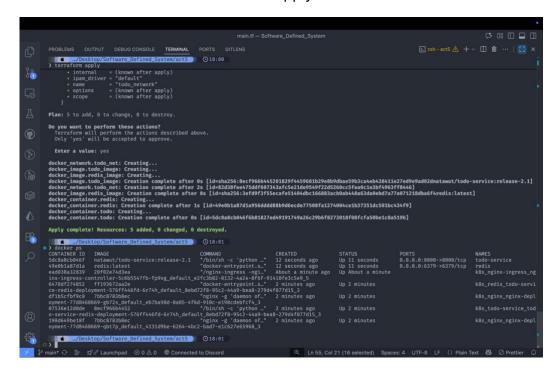


terraform plan

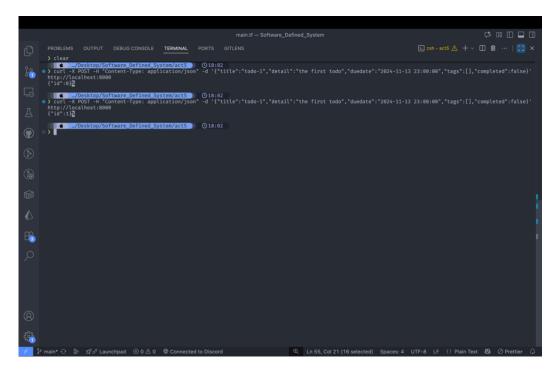
terraform plan result

terraform apply

terraform apply result



docker ps



curl result